



Tactical Automated Mission Planning System

18 April 1997

<http://tamps6.mugu.navy.mil:1080>

CAPTAIN's CORNER

by CAPT Ted Spilman

Wishes for fair winds and a following sea go out to Captain Dyer of PMA-265 and Captain Maxwell of PMA-234 as they turn over the reins of their commands to Captain Godwin and Captain Enewold, respectively. We in the TAMPS team wish you success in your new endeavors. For the new Hornet and Prowler Teams, we look forward to serving your fleet customers by providing their mission planning needs for years to come.

Our major milestone of the week was the accomplishment of the TAMPS 6.1 pre-OTRR. The entire 6.1 team is to be commended for their successful completion of this critical review last Wednesday. The evolution was largely uneventful with only a few minor issues to be groomed prior to the OTRR next Thursday. Of note, COMOPTEVFOR will be recommending a limited fleet release to three airwings and the training sites in conjunction with the commencement of the operational test. For the first time, a TAMPS product is approaching fleet introduction with people fighting to get it!

A flight clearance was issued this week for SLAM live firings using TAMPS 6.1. At the time of this writing, the shots had not been conducted, but we expect that these tests will be successful for the SLAM and another positive step for the entire TACAIR team.

We continue to work with the MPM customer teams to ensure the entire TAMPS family is supported and moving forward toward success. Of particular concern right now is ensuring adequate budgets for MPM support and transition to the TAMPS 7.0 DII COE architecture. There are issues in both FY-98 and FY-99 that must be addressed to ensure the fleet customers are supported in the 6.X and 7.X series products. We hope to resolve these issues during the next week.

"Sometimes you get the bear, sometimes the bear gets you."

UPCOMING EVENTS

21 Apr	N-PFPS TIM @ Eglin
21 April	TAMMAC CEWG @ MDA
24 Apr	6.1 OTRR @ NAVAIR, JP-2 Rm 110
4/28-5/2	OAG @ NSAWC Fallon
1 May	TAMMAC PDR @ MDA
5-7 May	6.1 Lessons Learned @ PM
19 May	ESC @ NAVAIR
19-23 May	IPT & Leadership Offsite @ Pensacola
27-28 May	6.2 PDR @ PM
29 May	TAMPS PMR

TAMPS HIGHLIGHTS

Seven Phases of a Product's Life Cycle — Requirements (contd)

by Paola Carrasco

The System Change Review Board (SCRB) is the formal process of paring down the large pool of Statements of Requirements (SOR) associated with the beginning of a Product Life Cycle. Rough Order of Magnitude (ROM) estimates going in to Pre-Planning SCRB reflect +/- 50% accuracy for high/medium/low estimates of size, cost, and schedule. More detailed analysis during Planning-SCRB results in a Refined Cost Estimate to a +/- 25% accuracy.

The Functional Requirements Document (FRD) Part 1 is prepared as entry criteria for the SCRB. Descriptions of requirements are reviewed during the Planning SCRB where the SOR list is finalized. The final set of requirements undergoes analysis following the SCRB.

At SCRB exit, the NAWCWNS product lead assigns SOR responsibility to a TAMPS development team member. An initial product schedule is proposed and the SCRB meeting minutes containing the list of validated requirements are prepared for distribution signaling completion of this milestone.



TAMPS WWW

<http://tamps6.mugu.navy.mil:1080>

by Joe Keim

The famous TAMPS web site will be undergoing a face lift over the next several months. If there is something that you would like to see, drop an e-mail to keim%am@mr.chinalake.navy.mil and we'll try to roll your comment up into the new site.

Fleet Briefings

by LT B. Noyes

We gave a TAMPS status brief and 6.1 demo to the 3rd MAW at El Toro 18 April. They wanted to get educated on the state of TAMPS and where it is heading to develop educated questions and issues for the OAG.

TAMPS PRODUCTS

TAMPS 6.0.5

by Jim Lacey/Jim Mueksch

In-Service Support Engineering

Integration. We completed the Disk Bay Retrofit of seven Trusted TAMPS V4 Aces.

Fleet Support. Completed CSRR aboard USS George Washington (CVN-73) and provided pre-deployment DTC-2 system groom demonstration at VX-9.

Engineering. Loaning f/w ver. 004 DSUR-Ss to testers for testing. Also, installed Blower Safety kits aboard the USS Washington.

TAMPS 6.1

by Kathy Bailey/Jim Mueksch

Programmatics

We held a successful Pre-OTRR 16 April. Pending approval of a waiver on MTBOMF and a signed TEMP, we should be able to press on with the OTRR next week. Test results were favorable, and when each of the MPMs were asked what they thought of the new product - they unanimously agreed it was ready for OT!

Some minor documentation and logistics issues still need to be resolved, however, we are confident that TAMPS 6.1 will successfully exit OTRR next week.

Systems Engineering

Attended and signed for TAMPS 6.1 IPT leaders during the Pre-OTRR.

TAMPS 6.1.1

by Kathy Bailey/Jim Mueksch

Testing

TAMPS IPT testers are testing Build 1 and providing Lockheed (DTRs) Development Test Reports for those items that need resolution. Lockheed plans to provide the TAMPS IPT testers with another Build 1.1 on 23 April that will have resolution to the reported DTRs. Four workstations have been configured for testers. The TAMPS IPT testers have reported that unless they can get some representative software from F/A-18 and SLAM MPMs they will not be able to test the following functionality.

- F/A-18 MPM Core Dependencies:
 - (1) GPS Crypto Key
 - (2) MU Load
 - (3) Strip Charts
 - (4) Printing
 - (5) Ada Binding
- SLAM Core Dependencies
 - (1) Printing

Our TAMPS teammate at the F/A-18 WSSA has requested 6.2 IPT participation at an F/A-18 Mission Planning DAG for 13C on 21 April at China Lake. Phil Summers, TRW lead engineer for the F/A-18 RECCE SOR plans to attend.

In-Service Support Engineering

Engineering. Contacted Eric Grigorian at Intergraph regarding development of transit cases for the UltraSPARC workstations. NRaD has finished our configuration of transit cases and we are waiting for Intergraph's input.

Engineering drawing development for the UltraSPARC is complete and presently going through review at NRaD. The complete package will be forwarded to the Program Office for review and distribution the week of 21 April. The TAMPS Portable package (complete detail drawings) is scheduled for completion by 5 May.

Provided ROM for installation costs of the Enterprise 3000 vs Enterprise 4000 to the Hardware IPT lead on 15 April.

From action items at the Hardware IPT of 15 April, our engineering team will begin investigating load device problems (recognition, wiping cartridges and apparent loss of interface with computer).

TAMPS 6.2

by C.J. Witkowski/Sandy Long

Programmatics

A charter working agreement with MDA has been signed! This should provide a quicker method to settle design issues regarding TAMMAC.

This past week, we attended the Guard TIM and presented them with a proposed schedule discussing MP LAN design issues.

TOPSCENE is providing money for an interface which will be included in 6.2.

Systems Engineering

We supplied the STR list with mandatory, do now, action items and a host of possibles followed by another host of STR wanna-be's. Work in the next few weeks will be to finalize the possibles and wanna-be's and determine which ones will be placed on the "limited access" final STR list.

Testing

In order to support multiple TAMPS 6.2 SORs, a SIPRNET connection to the TAMPS SSA is actively being pursued with support from the NAWCWPNS 4.5.2 Competency. Jim Nostrand (DISA POC), has been contacted and a "SIPRNET Connection Process" handbook has been sent and received. This handbook provides the step-by-step instructions to obtain a SIPRNET connection. The goal is to have the connection active by TAMPS 6.2 CDR. The connection will provide capability to obtain SLAM GPS Almanac data, in support of 96-10, JMCIS 3.0 interfaces (supporting MIDB 2.0 and weather), and other intelligence activities (JICPAC and AIC).

A preliminary STR list was received from LCDR Weidman. A prioritized list is to follow that will provide the necessary priority order of the STRs to be worked for TAMPS 6.2.

Laboratory. Testing is being performed by Comptek on the loaner Enterprise 4000. The Enterprise is connected via ATM to an Ultra 2 workstation.

Hardware. We are currently collecting requirements for RAM and Hard Disk sizing that will support TAMPS target hardware to run the new 6.2 SOR along with 6.1 functionality.

TAMMAC

by Richard Busse

Completed preparations for the first Core Extension Working Group meeting at MDA next Monday. We have prepared an agenda and are working some of the

preliminary issues in phone conferences. Primarily, we are trying to work out an integrated schedule which accommodates the latest change in 6.2 plans before the meeting. Two areas of particular concern: the scheduling of testing by the TAMPS Core team and the availability of early Core builds to support MDA's development will also be worked out.

We have completed an early draft of the TAMMAC Test Plan. This has been provided to MDA in support of the schedule development. This will also be discussed at the CEWG next week.

HMI Style Guide. Have completed a draft of the HMI Style Guide and am forwarding to Core Team members for review. This draft reflects the revised HMI implemented in version 6.1 and includes more explicit and specific examples than the previous style guide. The old guide was more than 100 pages long and was very difficult to use. This revised version is less than 35 pages. This guide will be approved prior to the TAMPS 6.2 PDR.

In-Service Support Engineering

Engineering. Provided Milton Edwards (NISE East) the SOW for Ready Room modifications needed to support portable computers for TAMPS 6.2. Milton will have a ROM by the end of the week for his support. Wayne Killmon (NISE East) provided a ROM for installing the LAN drops to the ready rooms.

N-PFPS

by Micheline Lopez-Estrada/LCDR Dober

Systems Engineering

We participated in the detailed development of the connectivity SOR to guide the definition of a route as well as mapping the added functionality desired in the evolution of PFPS and TAMPS integration.

FOREIGN MILITARY SALES

by Ed Walters/Paola Carrasco

Testing

A Technical Interface Meeting (TIM) was held on Wednesday, 16 April for the E-2C FMS Baseline. The main topic of discussion was the development schedule and coordination with the TAMPS 6.1.1 development schedule. The results of the schedule review showed completion of the FMS Baseline development and test in September 1997. The FMS team will be keeping a close watch on the 6.1.1 development to insure that all the FMS milestones are met in a timely manner.

The E-2C FMS Program Manager, Clay Meyers, will travel to Point Mugu on 1 May for an In-Process Review of the FMS development. NRaD Philadelphia has been invited to cover the Hardware and Training briefs during the review. The meeting will be half day and will include attendees from the E-2C community at NRaD San Diego.

ATACS Ver 1.1

by Jessie Swann

Build 17 certification testing and IV&V concluded on 4 April. VX-9 provided extremely favorable comments on build 17 via a 17 April memo. Test results will be presented to cognizant AIR codes at the Technical Information Review Board on 23 April, and the Product Release Review will be held the same day with the VX-9 TACMAN Model Manager and the COMOPTEVFOR TACMAN Coordinator. If both reviews are successful, the ATACS team will prepare a draft (standing) Letter of Promulgation for N88 signature and schedule remaining pre-briefs.

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